



रेल डिब्बा कारखाना, कपूरथला
Rail Coach Factory , Kapurthala

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ROLLING STOCK CERTIFICATE

Form No. : QMF 9454; Version: 1

1.	SHELL No.	4013	DISPATCH DATE				8.8.2014
2.	Railway	SEC	Type	LWSCN1	Coach No.	14208	
3.	Booked to	SSE/C&W/BSP					
4.	Tare Weight of Coach	41.239 T					
5.	Carrying Capacity	Seating	80	Sleeping	80	Luggage	NIL
6.	Shell Details: (LW90023 alt 'a', LE90009 alt 'nil', LD9009 alt 'b')						
6.1	Leading Dimensions:						
i)	Maximum length over Body	23700+10/-0 mm					
ii)	Maximum width over Body	3240-8/+0 mm, 3050 mm (LWSCZDAC)					
iii)	Max. Height From Rail Level	4250 (LWACCN), 4039 (LWACCW, LS, LWSCN), 4366 (LWSCZDAC)					
iv)	Buffer/CBC Height	Specified : 1105 +0 /-15 mm	1100	1102			
v)	Buffer/CBC (Make)	ESCORTS	Fiba Device	NA			
7.	Air Brake Testing:	Description		Specified		Observed	
7.1	Full Brake Application	Reduce pressure of BP from 5.0 to 3.4 kg/cm ²		6 -10 sec		6 Sec	
		Max Pressure in BC		3.00 ± 0.15 Kg/cm ²		3.00	
		All Brake are applied		OK		OK	
7.2	Insensitivity	Exhaust BP @ 0.3 kg/cm ² /min		No brake application		OK	
7.3	Sensitivity	Exhaust BP @ 0.1 kg/cm ² /Sec, After 02 Sec.		Brake must apply		OK	
8.	PAINTING DEATAILS:	TYPE OF PAINT	MAKE	AVERAGE GLOSS VALUE			
8.1	PAINT	PU PAINT	NEROLAC	87/89			
8.2	APPLICATION OF PCN-123	SATISFACTORY					
8.3	INSUALTION	SATISFACTORY					
9.	Traceability of Furnishing Items:					Make	
I	BRAKE EQUIPMENT					FAIVELEY	
ii	SEAT & BERTH					GANDHI	
lii	BODY SIDE DOORS					JBM	
lv	WATER TANKS					AMIT & KUTEER	
v	FLOOR BOARD					TAYAL	
vi	PVC FLOORING					RESPONSIVE	
vii	UIC VESTIBULE					KRP	
viii	VESTIBULE SLIDING DOOR					KALSI	
10.							
10.1	Modification / Trail (if any):					NIL	
10.2	Deviations if any:					NIL	



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12.	Bogie Details:	Shell No.	Railway	Type	Coach No.	Dispatch Date				
		4013	SEC	LWSCN1	14208/C	25-06-2014				
12.1	Wheel & Axle Details:	PP Side				NPP Side				
	i.	Bogie No.	146552				146553			
	ii.	Frame No.	FIAT-3190				FIAT-3191			
	iii.	Bolster No.	3968-P				3868-P			
	iv.	Axle No.	Z-3291		126544/981		Z-3988		126985/476	
	v.	Wheel Dia.	916.00	916.00	915.00	915.50	916.00	916.00	916.00	916.00
	vi.	Wheel Disc No.	168-10570	298-10533	040-63307	179-63307	211-11611	279-10583	160-61077	115-61077
	vii.	R.B. Nos.	00039	00453	34133	00314	34582	34203	31197	00413
	viii.	R.B. Make	TIMKEN		TIMKEN		TIMKEN		TIMKEN	
	ix.	RB Type	UIC CARTRIDGE TAPER ROLLER BEARING							
12.2	Secondary suspension load deflection Values:									
	Description	Secondary 1		Secondary 2		Secondary 1		Secondary 2		
		Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	
i.	Make & nos.	CMFSK-02-14-5101-127-31	CMFSK-02-14-5100-121-11	CMFSK-02-14-5101-127-87	CMFSK-02-14-5100-121	CMFSK-02-14-5101-127-83	CMFSK-02-14-5100-121-96	CMFSK-02-14-5101-127-2	CMFSK-02-14-5100-121-64	
ii.	Ht. attest load	513	472	514	472	514	467.50	516	467.50	
iii.	Align .deviation	9	6	8	8	7	5	8	8	
12.3	Items traceability:									
	S no.	Item			PP Side Bogie		NPP side Bogie		Make	
	i.	Primary Outer Spring			CMFSK-02-14-1100		CMFSK-02-14-1100		CMFSK	
	ii.	Primary inner Spring			CMFSK-02-14-1101		CMFSK-02-14-1101		CMFSK	
	iii.	Primary Damper							GEREP	
	iv.	Secondary damper							GEREP	
	v.	Lateral Damper							SACHS	
	vi.	Yaw Damper							NIL	
	vii.	Brake cylinder & Caliper							FTI	
	viii.	Brake Disc							KBI	
	ix.	Ball joint Control arm							SGA	
	x.	Lateral Bump stop							GMT	
	xi.	Traction center make							SARITA	
	xii.	Traction lever make							SARITA	
	xiii.	Ball joint traction lever							GMT	
	xiv.	Traction centre elastic							SGA	
	xv.	Secondary rubber pad							TESPAK	
	xvi.	Rubber spring							GMT	
	xvii.	Anti roll bar make							SARITA	
	xviii.	Ball joint roll link							SARITA	
	xix.	Fork make							EMSON	
12.4	i.	Modification / Trial (if any):				NIL				
	ii.	Deviations (if any):				NIL				